



Reliance Industries Limited

Polyethylene Terephthalate	
Relpet® G5761	Copolymer PET

Product description and applications

Relpet® G5761 is bottle grade PET resin manufactured using DuPont’s technology.

Relpet® G5761 is typically used for still water and APET sheet applications.

Features

Relpet® G5761 is engineered to provide:

- Good process ability
- Low preform AA and
- Excellent clarity / gloss in bottles

Typical properties of Relpet® G5761 are as follows

Sl. No.	Property	Unit	Value	Range	Equipment / Test method
1	Intrinsic Viscosity (IV)	dl/g	0.76	± 0.02	Ubbelohde Viscometer / ASTM D 4603 - 03
2	Acetaldehyde (AA)	ppm	1.0	Max.	Head Space & Gas Chromatography / QAF-PCL-3.413
3	Colour b *	CIE	0 to -3	-	Hunterlab / QAF-PCL-3.211
4	Crystallinity	%	50	Min.	Density Gradient Column / QAF-PCL-3.415
5	Chips /g	No.	68	± 5	Weighment method / QAF-PCL-3.408
6	Fines	ppm	100	Max	Sieve Shaker / QAF-PCL-3.407

Certifications

Relpet® G5761 resin is considered safe for food-packaging applications based on compliance with FDA regulation 21 CFR Section 177.1630 and similar food contact safety regulations, manufactured as per ISO 22000 certified system (FSMS) Relpet® is the registered trademark of Reliance Industries Limited for its brand of Polyethylene Terephthalate resin.



RIL’s Hazira PET resin test methods (Sl # 1 to 4) are accredited as per National Accreditation Board for Testing & Calibration Laboratories India with certificate numbers T-0797&T-0798